


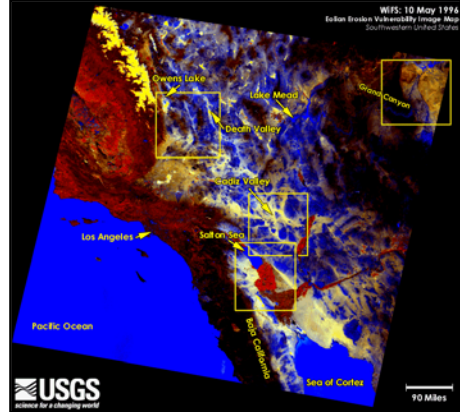




Summary View of Satellite Multispectral Imaging Survey Technique



Application	Data Coverage	Resolution			Key Points
		Vertical	Horizontal	Image	
Imagery	Several km	N/A	m	m – 100's m	<ul style="list-style-type: none"> Satellite Image, Image Mosaic Detection of nearshore bathymetric features and benthic habitat mapping Dependent on atmospheric conditions (cloud cover), water turbidity; low resolution High complexity and cost; limited availability
Data Collection ¹			Raw Data ²		Processed Data ³
 <p>Drawing of a satellite sensor.</p>			 <p>Landsat™ image of the coral reefs off the Florida Keys.</p>  <p>A satellite image of nearshore coral reefs in the Philippines.</p>		 <p>Spatial data can be derived from orthorectified satellite images.</p>

¹Data collection image provided by NOAA Coastal Services Center.

²Raw data images from NASA. ³Processed data images from USGS (<http://terraweb.wr.usgs.gov/projects/RSDust/>).